

1st Apollo
Radiosurgery Conclave
27th – 29th October 2023

Precision in Collaboration & Treatments for Intracranial Indications



UNDER THE AEGIS OF



ISSFN



ISN
Indian Society of Neuro-Oncology



1st Apollo Radiosurgery Conclave

27th – 29th October 2023



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DR. YESMIN NUREJA

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International Faculty



Professor Jean Regis

Aix-Marseille University
Head of Service Functional and Stereotactic Neurosurgery
Timone University Hospital Marseille, France



Dheerendra Prasad MD MCh (Neurosurgery) FACRO

Chief, Gamma Knife Radiosurgery
Medical Director, Department of Radiation Medicine,
Chairman Leksell Gamma Knife Society
Roswell Park Comprehensive Cancer Center, Buffalo, NY



Ian Paddick

Chief Physicist, Queen Square Radiosurgery Centre, London
Past President of the International Stereotactic Radiosurgery
Society (ISRS)

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PURPOSE

The purpose of the meeting is to enhance the knowledge base and quality of scientific data related to the use of stereotactic radiosurgery for the purpose of improving public health.

EDUCATION OBJECTIVES

Upon completion of Conclave, participants should be better able to:

- Discuss radiosurgery in the overall context of options for the treatment of patients with benign / malignant intracranial tumors & Functional Indications.
- Describe the radiobiological implications of different lesioning protocols for Tumors & Functional Indications.
- Provide information on the best practice from leaders in the respective domains
- Create opportunities for discussion with leading domain experts

WHO SHOULD ATTEND

Neurosurgeons, Radiation Oncologists, Medical Oncologists, Neuro-Oncologists, Neurologists, Neuroradiologists, Residents & fellows.

TNMC Credit hours applied

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PROGRAM OVERVIEW

27th October, 2023	Pre-conference workshop – AVM
28th October , 2023 – Pre-lunch	Benign Brain tumors
28th October – Post Lunch	Functional Targets
29th October – Pre lunch	Malignant brain lesions

VENUE

Pre-Conference Workshop: 27th Oct 2023 - Apollo Cancer Centre, Chennai

Conference: 28th – 29th Oct 2023 - ITC Grand Chola, 63, Anna Salai,
Little Mount, Guindy, Chennai,

REGISTRATION FEES

Physicians - Rs. 2500/-

Residents / Physicist - Rs.1000/-

Kindly block your dates for the first-of-its-kind Radiosurgery Conclave.
Registrations will be enabled shortly.

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Programme Schedule - Day 1 : 27th October 2023

Preconference Workshop – Multimodal Treatment of Brain parenchymal Arteriovenous malformations

Time	Topic	Speaker
12.00 – 12.55	Lunch	
12.55 – 13.00	Welcome & Housekeeping	Dr. Mahadev Potharaju Apollo Cancer Centre, Chennai
13.00 – 13.40	Radiosurgery Basics (Chairpersons - TBA)	
13.00 – 13.20	Technologies for Radiosurgery	Dr. Saraswathi Chitra S Apollo Cancer Centre, Chennai
13.20 – 13.40	When to Consider Hypofractionation as opposed to single fraction – Exploiting Radiobiology of Radiosurgery	Dr. Arunlal Lisie Hospital, Cochin
13.40 – 14.20	AVM – Basic Concepts (Chairpersons - TBA)	
13.40 – 14.00	AVM – Natural history, physiology & hemodynamics	Dr. Shamsudheen C Apollo Cancer Centre, Chennai
14.00 – 14.20	Imaging in Arteriovenous Malformations	Dr. Shankar V Apollo Cancer Centre, Chennai
14.20 – 17.00	AVM Management Strategies (Chair persons - TBA)	
14.20 – 14.50	Multimodality management of AVM – Needle, Knife, Gamma Knife	Dr. Dheerendra Prasad RPCI ,Buffalo, NY
14.50 – 15.10	Surgical Perspective – AVM	Dr. Hrishikesh Sarkar Apollo Cancer Centre, Chennai
15.10 – 15.30	Endovascular Perspective – AVM	Dr. Srinivasan Paramasivan Apollo Hospital, Chennai
15.30 – 15.50	AVM – Radiosurgery - Contouring Nuances , Prescription protocols, Planning Analysis	Dr. Aditya Gupta Artemis Hospitals, New Delhi
15.50 – 16.10	Special Situations Post Embolisation AVM Radiosurgery	Dr. Dwarakanath, NIMHANS, Bangalore
16.10 – 16.30	Gaint AVM - Dose staged Radiosurgery	Dr. Rajesh Balakrishnan, CMC, Vellore
16.30 – 17.00	AVM Post Radiosurgery - Response Assessment & Complications	Dr. Shwetha Kedia AIIMS, Delhi

Programme Schedule - Day 2 : 28th October 2023

Session 1: Benign Intracranial Tumors - Multidisciplinary Approach

Time	Topic	Speaker
8.55 – 9.00	Welcome & Housekeeping	Dr. Rathnadevi Apollo Cancer Centre, Chennai
9.00 – 10.00	Vestibular Schwannomas – Multidisciplinary Management (Chairpersons – TBA)	
9.00 – 9.20	Surgery nuances for VS – Facial nerve preservation strategies.	Dr. Srinivasan Paramasivan, Apollo Hospital, Chennai
9.20 – 9.40	Radiosurgery for Vestibular Schwannoma	Dr. BK Mishra, P. D. Hinduja Hospital , Mumbai
9.40-10.00	Targeted therapeutics for NF2 Schwannomatosis	Dr. Sankar Srinivasan, Apollo Cancer Centre, Chennai
10.00 – 11.40	Pituitary Adenomas – Functioning & Non-Functioning – Multidisciplinary Management (Chairpersons – TBA)	
10.00-10.20	Imaging Nuances of Sellar & Suprasellar Tumors	Dr. Jayaraj Govindraj Apollo Cancer Centre, Chennai
10.20 – 10.40	Endocrine Nuances – Functioning & Non-Functioning Adenomas	TBA
10.40 – 11.00	Surgical Nuances in Pituitary Tumors	Dr. Sidhartha Gosh, Apollo Speciality Hospitals, Vanagaram
11.00 – 11.20	Radiosurgery Nuances - Pituitary Adenomas (Contouring nuances, Doses prescription, Outcomes)	Dr. Manjul Tripathi, PGIMER, Chandigarh
11.20 – 11.40	Cavernous Sinus Tumors - Radiosurgery	Dr. Nishant NIMHANS, Bengaluru
11.40 – 13.00	Meningiomas (Chairpersons – TBA)	
11.40 – 12.00	Meningioma – Beyond the WHO classification	Dr. Sridhar Epari TMH, Mumbai
12.00 – 12.20	Meningioma: Surgical Perspective	Dr. Shankar Ganesh Apollo Cancer Centre, Chennai
12.20 – 12.40	Meningioma – New ideas for radiosurgery & surveillance	Dr. Dheerendra Prasad, RPCI ,Buffalo, NY
12.40 – 13.00	Targeted therapies in Meningioma	Dr. Mohamed Zehran Apollo Cancer Centre, Chennai
13.00 – 14.00	Lunch Break	

Programme Schedule - Day 2 : 28th October 2023

Session 2 – Functional Neurosurgery (Multidisciplinary Approach)

Time	Topic	Speaker
14.00 – 14.20	AI in Radiosurgery – Testing the waters!	Dr. Mohamed Sathik Apollo Cancer Centre, Chennai
14.20 – 14.40	Radiobiologic Modelling for Functional Radiosurgery	Dr. Ian Paddick, Royal Marsden, London
14.40 – 15.40	Medically Refractory Neuralgias (Chair Persons – TBA)	
14.40 – 15.00	Trigeminal Neuralgia – Medical management (When do I refer for Intervention)	Dr. Arul Selvan, Apollo Hospital, Chennai
15.00 – 15.20	Trigeminal Neuralgia – Surgeons perspective	Dr. Krish Sridhar, Kauvery Hospital, Chennai
15.20 – 15.40	Keynote 1 – Tic Talk: 25 years Roswell Park experience with Trigeminal Radiosurgery	Dr. Dheerendra Prasad, RPCI, Buffalo, NY
15.40 – 16.40	Medically Refractory Movement Disorders (Chair Persons – TBA)	
15.40 – 16.00	Movement Disorders – Medical management (When do I refer for Intervention)	Dr. Vikash Agarwal, Kauvery Hospital, Chennai
16.00 – 16.20	Dystonia & Chorea – Medical management (When do I refer for Intervention)	Dr. Vijay Sankar Apollo Hospitals, Chennai
16.00– 16.20	Movement Disorders – Surgeons perspective	Dr. Paresh Doshi Jaslok Hospital, Mumbai
16.20 – 16.45	Keynote 2 – Movement Disorders - Radiosurgery	Prof. Jean Regis, Marseille, France
16.45 – 18.00	Medically Refractory Epilepsy – Lesional & Non-Lesional (Chair persons -TBA)	
16.45 – 17.00	Epilepsy – Medical Management (When do I refer for Intervention)	Dr. Muthukani Apollo Hospital, Chennai
17.00 – 17.20	Epilepsy: Substrate Mapping techniques – Clinical, Electrical, Bio anatomic Imaging	Dr. Ravindranath, NIMHANS, Bengaluru
17.20 - 17.40	Neuropsychological assessment in Epilepsy	Dr. Jamuna NIMHANS, Bengaluru
17.40 – 18.00	Medically Refractory Epilepsy – Surgeon's Perspective	Dr. Aditya Gupta Artemis Hospital, Delhi

Dr. Prathap C. Reddy Oration
Medically Refractory Epilepsy – Radiosurgery
(19:00 - 20:00)

Prof. Jean Regis,
Marseille, France

Programme Schedule - Day 3 : 29th October 2023
Session 1 – Malignant Indications of Radiosurgery.

Time	Topic	Speaker
8.55 – 9.00	Welcome & Housekeeping	Dr. Sanjay Chandrasekhar Apollo Cancer Centre, Chennai
9.00 – 11.20	Clinical Science of Brain Metastases	
9.00 – 9.20	Brain Metastases – Immune Privilege & organotropism !	Dr. Jayant Goda TMH, Mumbai
9.20 – 9.40	Systemic Therapeutics for Asymptomatic Brain Metastases	Dr. T. Raja Apollo Cancer Centre, Chennai
9.40 – 10.40 (15mts. Each)	<p>Local therapies for Brain Metastases:</p> <ul style="list-style-type: none"> • Solitary Brain Metastases – Surgery • Solitary Brain Metastases – Radiosurgery (adjuvant or neoadjuvant) • Limited Brain Metastases – Radiosurgery • Multiple Brain Metastases – Factors influencing WBRT vs SRS 	<p>Dr. Dipak Patel, Zydus Hospital, Ahmedabad</p> <p>Dr. Bhooshan Zade Ruby Hall Clinic, Pune</p> <p>Dr. Shyam Singh Bisht Medanta Hospital, Delhi</p> <p>Dr. Kanhu Charan Patro Mahatma Gandhi Cancer Hospital, Vizag</p>
10.40 – 11.00	Combined Radiosurgery & Checkpoint inhibitors in Brain Metastasis	Dr. Rahul Krishnatry TMH, Mumbai
11.00 – 11.20	Tumor or Trouble: Using Contrast Clearance as a tool to assess post SRS Radionecrosis and its management	Dr. Dheerendra Prasad RPCI ,Buffalo, NY

Programme Schedule - Day 3 : 29th October 2023
Session 1 – Malignant Indications of Radiosurgery.

Time	Topic	Speaker
11.20 – 13.00	Clinical Science of Leptomeningeal Metastases	
11.20-11.35	LMD – Diagnosis & Therapeutic Strategies	Dr. Gagan Saini, Max Healthcare, Delhi
11.35-12.00	Debate – CSI in LMD For the motion Against the motion	Dr. Samir Batham, HCG, Ahmedabad Dr. Ramesh Purohit, GMCH, Udaipur
12.00 - 12.30	Panel Discussion – Brain Metastasis	Moderator: Dr. Kinjal Jani, Ahmedabad Panelists : Dr. Nidhi Patni, Jaipur Dr. Shwetha, Pune Dr. Indu Bansal, Delhi Dr. Devang Bhavsar, Ahmedabad Dr. Subhas Gupta, Delhi. Dr. Rohit Maalde, Mumbai
12.30 – 12.50	Ocular Oncology – Radiosurgery	Dr. Debnarayan Dutta AIMS, Cochin
12.50 – 13.00	Vote of Thanks	Dr. Shankar Vangipuram Apollo Cancer Centre, Chennai

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